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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/715,651	11/17/2000	Harold Alexis Huggins	Huggins 6 (58638)	8052

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EXAMINER

VINH, LAN

ART UNIT	PAPER NUMBER
1765	

DATE MAILED: 02/11/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)	
	09/715,651	HUGGINS, HAROLD ALEXIS	
	Examiner	Art Unit	
	Lan Vinh	1765	

--Th MAILING DATE of this communication appears on the cover sheet with the corr spondenc address --

THE REPLY FILED 04 February 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).
- Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____


Claim(s) objected to: _____

Claim(s) rejected: 1,4,5,8,9,11-14,17,20-24 and 26-28.

Claim(s) withdrawn from consideration: 29-35.

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____
10. ☐ Other: _____

Continuation of 5. does NOT place the application in condition for allowance because: Applicant's argument filed 2/4/2003 have been fully considered but they are not persuasive. The argument that the combination of Krishaswamy, Chong and Nakaki fail to teach forming a plurality of openings having specific diameter on opposing side and through the RF component at least to the semiconductor substrate because Fig. 6 of Krishaswamy suggests forming two rectangular trenches. This argument is not found persuasive because although Fig. 6 of Krishaswamy suggests forming two rectangular trenches, the examiner relies on Fig. 5D and col 5, lines 50-52 of Krishaswamy which disclose the step of forming a plurality of vias 113 on opposing side through the RF component 103 to the substrate 101. Discovering specific opening diameter (a variable) involves only routine experimentation as discussed in page 3 of the previous action. It is also argued that one skilled in the art would not be motivated to form the openings in the way recited in the claimed invention because Krishaswamy does not want a more rapid etch rate as specifically recited in the claimed invention. This argument does not commensurate with the scope of claims 1, 14, 23 since claims 1, 14, 23 do not specifically require a rapid etch rate. .


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